

217/782-2113

CONSTRUCTION PERMIT

PERMITTEE

Fabri-Glass Composites, Inc.
Attn: Terry Kieffer
4900 7th Street
Moline, Illinois 61265

Application No.: 06040030 I.D. No.: 161045AJC
Applicant's Designation: Date Received: June 5, 2006
Subject: Modification of Polystyrene Molding Plant
Date Issued:
Location: 4900 7th Street, Moline, Rock Island County

This permit is hereby granted to the above-designated Permittee to CONSTRUCT emission unit(s) and/or air pollution control equipment consisting of operational modification of polystyrene molding process as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
2. This permit is issued based upon this project not triggering applicability of the requirements of Section 112(g) of the Clean Air Act and the polystyrene molding operations not being subject to the control requirements of 40 CFR 63, Subpart WWWW - National Emission Standard for Hazardous Air Pollutants: Reinforced Plastic Composites Production. This is consequence of federally enforceable limitations of this permit restricting potential HAP emissions to below major source threshold levels defined in 40 CFR 63.2.
3. No person shall cause or allow the discharge of more than 3.6 kg/hr (8 lbs/hr) of organic material into the atmosphere from any emission unit, with the following exception: If no odor nuisance exists these limitations shall apply only to photochemically reactive material (35 Ill. Adm. Code 215.301).
4. Operation and emissions of polyester parts molding process shall not exceed the following limits:

<u>Raw Material</u>	<u>Material Usage</u>		<u>Emission</u>	<u>VOM (Styrene) Emission</u>	
	<u>(ton/mo)</u>	<u>(ton/yr)</u>	<u>Factor</u> <u>(lb/ton)</u>	<u>(ton/mo)</u>	<u>(ton/yr)</u>
Resin	10.0	102.0	65	0.3	3.3
Gel Coat	4.0	40.0	275	0.6	5.5

These limits are based on the maximum production rate, emission factors presented in Technical Discussion of the Unified Emission Factors for Open Molding of Composites (July 23, 2001) and the following operational practices and physical properties of raw materials:

covered-cure without roll-out for resin containing 41% of styrene,
controlled emission factor for gel coat containing 37% of styrene.

Compliance with annual limits shall be determined from a running total
of 12 months of data.

5. The Permittee shall maintain monthly records of the following items:
 - a. Names and amounts of raw materials used (tons/mo, tons/yr);
 - b. VOM and styrene content of raw materials (wt %); and
 - c. Styrene and total VOM emissions with supporting calculations (lbs/mo, tons/yr).
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.

If you have any questions on this, please call Valeriy Brodsky at
217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:VJB:
cc: Region 2